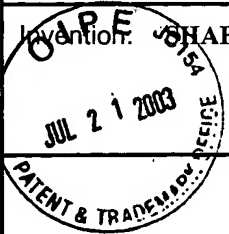
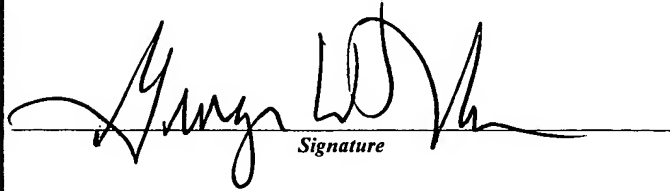
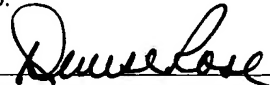



3722

<b>AMENDMENT TRANSMITTAL LETTER (Large Entity)</b>			Docket No. 56667 (71980)		
Applicant(s): HAUSCHILD, et al.					
Serial No. 10/019,749	Filing Date 12.21.01	Examiner B. Walsh	Group Art Unit 3722		
Invention: <b>SHAFT TOOL WITH FIXEDLY DISPOSED WINGLIKE INSERTS</b>					
			<b>RECEIVED</b>		
			<b>JUL 24 2003</b>		
<u>TO THE COMMISSIONER FOR PATENTS:</u>					
Transmitted herewith is an amendment in the above-identified application.			TECHNOLOGY CENTER R3700		
The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	18 -	20 =	0 x	\$18.00	\$0.00
INDEP. CLAIMS	2 -	3 =	0 x	\$84.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>					<b>\$0.00</b>
<div><input checked="" type="checkbox"/> No additional fee is required for amendment.</div> <div><input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____</div> <div><input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed.</div> <div><input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 04-1105</div> <div><input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16.</div> <div><input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17.</div>					
 Signature			Dated: 18 July 03		
George W. Neuner (Reg. No. 26,964) EDWARDS & ANGELL, LLP P.O. Box 9169 Boston, MA 02209  (617) 439-4444			<div>I certify that this document and fee is being deposited on <b>7.18.03</b> with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</div> <div> Signature of Person Mailing Correspondence</div> <div> Typed or Printed Name of Person Mailing Correspondence</div>		
CC:					



Attorney Docket: 56667 (71980)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**APPLICANT:** Rüdiger Hauschild et al. **EXAMINER:** B. Walsh  
**SERIAL NO.** 10/019,749 **GROUP:** 3722  
**FILED:** December 21, 2001  
**FOR:** SHAFT TOOL WITH FIXEDLY DISPOSED WINGLIKE INSERTS

CERTIFICATE OF MAILING

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on July 18<sup>th</sup>, 2003.

By: Denise A. Rose

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**AMENDMENT**

In the Specification:

Please amend the paragraph at page 3, lines 22-31 to read as follows:

B1  
The problem is solved pursuant to the invention with a shank-end tool with a wing-like cutter blade as a cutter insert that is characterized by a shank (1) rotatable around its longitudinal axis (2) that can be connected detachably to a drive device and is provided at its free end section (6) with at least one groove-shaped recess (7) extending in the axial direction and one flat cutter blade (8), which is provided with a ~~wear-resistant~~ non-cutting blade edge (12) on its leading face viewed in the direction of advance (9). The minimal blade thickness brings about a substantial reduction of friction between the blade edges and the casting mold surface, which not only

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JUL 24 2003

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